

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	34	refrigerant with R600 \$1	USPAT	OR	OFF	2008/06/10 17:53
S1	12	((IKUTOMO) near2 (UMEOKA)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 14:06
S2	85	((MAKOTO) near2 (KATAYAMA)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 14:16
S3	6	((JUNI CHIRO) near2 (YABIKI)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 14:23
S4	0	("5228853.pn.").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 14:29
S5	1	("5228853").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 14:29
S6	3	("20030223891" or "5860395" or "5228843").pn.	US-PGPUB; USPAT	OR	OFF	2008/06/09 14:30
S7	11	("2497781"   "4901679"   "4945864"   "4979473"   "4995346"   "5118263"   "5655495").PN. OR ("5860395").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 16:43
S8	1098	(417/415).CCLS.	USPAT; USOCR	OR	OFF	2008/06/09 17:09
S9	0	("2andpiston").PN.	USPAT; USOCR	OR	OFF	2008/06/09 17:09
S10	347	S8 and piston	USPAT	OR	OFF	2008/06/09 17:09
S11	148488	piston.ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/09 17:55
S12	4489	(piston and head).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/09 17:55
S13	1769	(piston and head and (engine or compressor or pump)).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/09 17:56

S14	60	(piston and head and (engine or compressor or pump) and pin).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/09 17:57
S15	966	(123/193.6).CCLS.	USPAT; USOCR	OR	OFF	2008/06/09 18:14
S16	0	("9andpiston").PN.	USPAT; USOCR	OR	OFF	2008/06/09 18:15
S17	517	S15 and piston.ti.	USPAT	OR	OFF	2008/06/09 18:15
S18	21	S15 and (piston and head).ti.	USPAT	OR	OFF	2008/06/09 18:15
S19	12	("4158328"   "4274372"   "4730549"   "5000078"   "5839352").PN. OR ("6357341").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 18:25
S20	16	("4577595"   "4581983"   "5065706"   "5653204"   "5724933"   "6026777"   "Re34139").PN. OR ("6314933").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 18:29
S21	42	("2340662"   "3189010"   "3190273"   "3349672"   "3613521"   "3914574").PN. OR ("4581983").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 18:31
S22	35	("3413897"   "3464100"   "4608947"   "4847964"   "4878466"   "5052280"   "5144923"   "5150517"   "5261363"   "5357920").PN. OR ("5778533").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 18:53
S23	9	("1468586"   "1760122"   "2381065"   "2407440").PN. OR ("RE35551").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:05
S24	5	("2407440").URPN.	USPAT	OR	OFF	2008/06/09 19:06
S25	16	("1462501"   "1760122"   "2407440"   "4535682"   "4599935").PN. OR ("4809591").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:06

S26	10	("1760122"   "4599935"   "4752995"   "4809591"   "4903580").PN. OR ("5076226").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:09
S27	13	("3319535"   "3403605"   "4161165"   "4715267"   "4752995"   "4817505"   "5076226"   "5174249").PN. OR ("5713262").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:10
S28	19	("2149862"   "2195552"   "2848287"   "3403605"   "3987709"   "4535682"   "4648309"   "4683808"   "4691622").PN. OR ("4817505").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:11
S29	19	("1727647"   "2066613"   "2120090"   "2141784"   "2802707"   "2802708").PN. OR ("3987709").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:16
S30	11	("2032849"   "2066613"   "3307456"   "3987709"   "4161165").PN. OR ("4702151").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:19
S31	9	("4358881"   "4702151"   "4709621"   "4785774"   "4887519").PN. OR ("5063893").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:20
S32	18	("1229133"   "4433616"   "4530341").PN. OR ("4709621").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:23
S33	3	("2066613").URPN.	USPAT	OR	OFF	2008/06/09 19:30
S34	25	("1953109"   "2066613"   "2108865"   "2315403"   "3012831"   "3035559"   "3413897").PN. OR ("3628511").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:31
S35	2	("2032849").URPN.	USPAT	OR	OFF	2008/06/09 19:35
S36	1	("2141784").URPN.	USPAT	OR	OFF	2008/06/09 19:42

S37	18	("2344416"   "3438789"   "3621617"   "3654692"   "3732759"   "4048975"   "4075934"   "4535682").PN. OR ("4752995").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:53
S38	18	("4535682"   "4648309"   "4691622"   "4752995"   "4760771"   "4809591"   "4903580"   "5076226"   "5115726"   "5144884"   "5172626"   "5174193"   "5193435"   "5251540"   "5682808"   "RE35551").PN. OR ("6502539").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:54
S39	26	("1575751"   "2186375"   "2190207"   "2352592"   "2513814"   "4648309"   "4656711"   "4691622"   "4716817"   "4809652"   "4831919"   "4864986"   "4903580"   "5107807").PN. OR ("5172626").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 19:58
S40	5	("2352592").URPN.	USPAT	OR	OFF	2008/06/09 20:00
S41	3	("2190207").URPN.	USPAT	OR	OFF	2008/06/09 20:01
S42	16	("2190207"   "2194247"   "2217542"   "2416487"   "2464554"   "4987866").PN. OR ("5839351").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:01
S43	29	("1875039"   "2795468"   "3906923"   "4194650"   "4541377"   "5114047"   "5275309"   "5448942"   "5839351"   "6193482"   "6327962"   "6453797"   "6763758"   "6772846"   "6820582"   "6892689"   "D122922"   "D286780"   "D286781"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:02

		"D287599"   "D322969"   "D371562"   "D373773"   "D377493"   "D383761"   "D399212").PN. OR ("D515590").URPN.				
S44	12	("4648309"   "4716817"   "4756241"   "5058489"   "5076226"   "5107807"   "5158008"   "5193436").PN. OR ("5448942").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:04
S45	24	("2046789"   "2149862"   "2217542"   "2262132"   "2309555"   "2497380"   "2513814").PN. OR ("4756241").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:05
S46	7	("2309555").URPN.	USPAT	OR	OFF	2008/06/09 20:07
S47	2	("2046789").URPN.	USPAT	OR	OFF	2008/06/09 20:12
S48	9	("2795468"   "3123899"   "D056347").PN. OR ("D286781").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:14
S49	0	("D056347").URPN.	USPAT	OR	OFF	2008/06/09 20:14
S50	0	("D056347").URPN.	USPAT	OR	OFF	2008/06/09 20:14
S51	0	("D056347").URPN.	USPAT	OR	OFF	2008/06/09 20:15
S52	8	("2795468"   "3123899"   "D056347").PN. OR ("D286780").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:17
S53	40	("1228048"   "1727390"   "1875039"   "1979498"   "2208898"   "2806751"   "2817562"   "3051536"   "3220101"   "3405610").PN. OR ("3906923").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:19

S54	17	("2802706"   "3035879"   "3058792"   "3137439"   "3906923"   "4058104"   "4111104"   "4158328"   "4508019").PN. OR ("4719846").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:20
S55	21	("1432799"   "1531066"   "1665438"   "1787638"   "2119633"   "2857218"   "2921823"   "3667443"   "3815558").PN. OR ("4058104").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:22
S56	16	("1693584"   "2080286"   "3115070"   "3327593"   "3505934"   "3906923"   "4314531").PN. OR ("4677900").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:24
S57	5	("3505934").URPN.	USPAT	OR	OFF	2008/06/09 20:25
S58	13	("4535682").URPN.	USPAT	OR	OFF	2008/06/09 20:26
S59	14	("1760122"   "2381065"   "2407440"   "3515035"   "4535682").PN. OR ("4599935").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:28
S60	8	("1760122").URPN.	USPAT	OR	OFF	2008/06/09 20:29
S61	14	("1016561"   "1760122"   "2195552"   "2407440"   "4535682").PN. OR ("4760771").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:30
S62	4	("1016561").URPN.	USPAT	OR	OFF	2008/06/09 20:31
S63	14	("1760122"   "2381065"   "2407440"   "3515035"   "4535682").PN. OR ("4599935").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 20:33
S64	3	("2194247").URPN.	USPAT	OR	OFF	2008/06/09 20:44
S65	1	("1575751").URPN.	USPAT	OR	OFF	2008/06/09 20:48
S66	6	("3319535").URPN.	USPAT	OR	OFF	2008/06/09 20:51

S67	10	((recess or (bearing near2 surface)) and piston and skirt and (notch\$2 or groove\$1 or slot\$1)).ab.	USPAT	OR	OFF	2008/06/09 21:29
S68	8	("2035692"   "5113817"   "5996545"   "6023619"   "6209510"   "6491013"   "6763758").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/09 21:30
S69	184	((recess or notch\$2 or groove\$1 or slot\$1) and piston and (skirt or (bearing near2 surface))).ab.	USPAT	OR	OFF	2008/06/09 21:36
S70	18	("0791236"   "1101682"   "1756761"   "2574934"   "3272091"   "3564978"   "3589756").PN. OR ("3765307").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/06/10 08:17
S71	1282	((recess or notch\$2 or groove\$1 or slot\$1) and piston and (skirt or (bearing near2 surface))).ab.	US-PGPUB; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/10 08:26
S72	1251176	S71 and pump or compressor or engine	US-PGPUB; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/10 08:26
S73	861	S71 and (pump or compressor or engine)	US-PGPUB; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/10 08:27
S74	409	S73 and cylinder	US-PGPUB; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/06/10 08:27
S75	2218	inverter with operation with frequency	USPAT	OR	OFF	2008/06/10 09:50
S76	234	S75 and compressor	USPAT	OR	OFF	2008/06/10 09:51
S77	71	S76 and (power with supply with frequency)	USPAT	OR	OFF	2008/06/10 09:52

6/ 10/ 2008 8:47:51 PM

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